

LIST OF CURRENT CLAIMS

1. (Currently Amended) Blowing nozzle for supporting a weft thread in a weaving machine, ~~provided with~~ said nozzle including a flow-through canalisation (17) for a fluid tracing a bend (20) near the free end of the blowing nozzle (3) to subsequently flow into the environment via at least one outlet opening (18), ~~whereby~~ wherein a jet pipe (21) is formed in this flow-through canalisation (17), ~~characterised in that the above-mentioned~~ and said jet pipe (21) is integrated in the above-mentioned said bend (20).

2. (Currently Amended) Blowing nozzle according to claim 1, ~~characterised in that~~ wherein the flow-through canalisation (17) is made such that it narrows from the part preceding ~~the~~ a narrowest cross section up to ~~this~~ the narrowest cross section of the jet nozzle (21), ~~in particular the~~ namely a critical section (22) of the jet nozzle.

3. (Currently Amended) Blowing nozzle according to claim 1 ~~or 2~~, ~~characterised in that~~ wherein the jet pipe (21) has a critical section (22) which is ~~situated~~ located at least partially half-way (H1) within the blowing nozzle (3) ~~situated~~ that is located opposite the half (H2) in which the outlet opening (18) ~~has been~~ is provided, in ~~relation~~ relative to the longitudinal axis (L) of the blowing nozzle (3).

4. (Currently Amended) Blowing nozzle according to ~~any of the preceding claims, characterised in that~~ claim 1, wherein the jet pipe (21) has a critical section (22) which forms an angle (A) with the longitudinal axis (L) of the blowing nozzle (3) which amounts to at least 15 degrees, ~~and better still which is situated~~ preferably between 15 and 40 degrees, in the direction of ~~the above-mentioned~~ said bend (20).

5. (Currently Amended) Blowing nozzle according to ~~any of the preceding claims, characterised in that~~ claim 2, wherein the flow-through canalisation (17) is made such that it widens ~~as of~~ from the critical section (22) of ~~the above-mentioned~~ said jet pipe (21) up to the outlet opening (18).

6. (Currently Amended) Blowing nozzle according to ~~any of the preceding claims,~~
~~characterised in that~~ claim 1, wherein the part (24) of the flow-through canalisation (17)
which extends ~~as of~~ from the critical section (22) of the jet pipe (21) up to the outlet
opening (18) has one or several of the following characteristics:

- that the upper wall (25) of this said part (24) is concave and/or straight ~~as of~~ from
the critical section (22) up to the outlet opening (18);
- that at least the part of the upper wall (25) of ~~the above-mentioned~~ said part (24)
which is connected to the critical section (22) is made concave;
- that the upper wall (25) of ~~the above-mentioned~~ said part (24) is exclusively
concave ~~as of~~ from the critical section (22) up to the outlet opening (18);
- that the upper wall (25) of ~~the above-mentioned~~ said part (24) is concave with a
bend providing for gradual change of direction of the upper wall (28) over 20
degrees at the most;
- that the lower wall of ~~the above-mentioned~~ said part (24) has a rectilinear or
almost rectilinear part (28) at least near the outlet opening (18);
- that at least the part (27) of the lower wall which is connected directly to the
critical section is made convex;
- that the lower wall of ~~the above-mentioned~~ said part (24) ~~as of~~ from the critical
section (22) up to the outlet opening (18) exclusively ~~consists of~~ comprises a
convex part (27), followed by a rectilinear or almost rectilinear part (28).

7. (Currently Amended) Blowing nozzle according to ~~any of the preceding~~
~~claims, characterised in that~~ claim 2, wherein the narrowing part (23) preceding the
critical section (22) of the jet pipe (21) has an upper wall (29) extending at least with a
concave part into the critical section (22).

8. (Currently Amended) Blowing nozzle according to ~~any of the preceding~~
~~claims, characterised in that~~ claim 1, wherein the flow-through canalisation (17) narrows
from the part preceding the narrowest section up to ~~this~~ the narrowest section (22) of
the jet pipe (21), ~~in particular the~~ namely a critical section (22); that the flow-through
canalisation (17) widens ~~as of~~ from the critical section (22) up to the outlet opening (18);
and ~~that~~ the part (24) of the flow-through canalisation (17) which extends ~~as of~~ from the

critical section (22) up to the outlet opening (18) has an upper wall (25) which is made exclusively concave and a lower wall (26) which first has a convex curve ~~as of~~ from the critical section (22) and then follows a rectilinear or almost rectilinear curve.

9. (Currently Amended) Blowing nozzle according to ~~any of the preceding claims, characterised in that~~ claim 1, wherein the flow-through canalisation (17) comprises one or several ducts (30-32) which have a rectangular section at least at the jet pipe (21) and the following part (24).

10. (Currently Amended) Blowing nozzle according to ~~any of the preceding claims, characterised in that~~ claim 1, wherein the flow-through canalisation (17) has several ducts (32) which each have their own jet pipe (21) and which open into the environment via their own outlet opening (19).

11. (Currently Amended) Blowing nozzle according to claim 10, ~~characterised in that~~ wherein the outlet openings (18) of ~~the above mentioned~~ said ducts (32) are ~~situated~~ located exclusively next to each other, whereby they are either or not mutually shifted in height.

12. (Currently Amended) Blowing nozzle according to claim 11, ~~characterised in that~~ wherein the outlet openings are arranged step-like.

13. (Currently Amended) Blowing nozzle according to ~~any of the preceding claims, characterised in that~~ claim 1, wherein the blowing nozzle (3) is at least partially composed of segments (33) in between which or in which are provided one or several ducts (30-32) in order to form the flow-through canalisation (17).

14. (Currently Amended) Blowing nozzle according to ~~any of the preceding claims, characterised in that~~ claim 1, wherein the flow-through canalisation (17) consists comprises of one or several ducts (30-32) which open into one or several outlet openings (18), ~~whereby this~~ wherein said duct (30) or these ducts (32) are arranged

such that the outgoing fluid jet or jets form a vertical as well as a horizontal angle with the longitudinal direction of ~~the~~ a reed of the weaving machine.

15. (Currently Amended) Blowing nozzle for supporting a weft thread in a weaving machine, ~~which is provided with~~ said nozzle including a flow-through canalisation (17) for a fluid flowing into the environment via at least one outlet opening (18); ~~whereby~~ a jet pipe (21) is formed in ~~this~~ the flow-through canalisation (17), ~~characterised in that wherein~~ the flow-through canalisation (17) narrows from ~~the~~ a part preceding the narrowest section up to ~~this~~ the narrowest section of the jet pipe (21), in ~~particular the~~ namely a critical section (22); ~~in that and wherein~~ the flow-through canalisation (17) widens ~~as of from~~ the critical section (22) up to the outlet opening (18); and in that the part (24) of the flow-through canalisation (17) which extends ~~as of from~~ the critical section (22) up to the outlet opening (18) has an upper wall (25) which is made exclusively concave, and has a lower wall which first has a convex curve ~~as of from~~ the critical section (22) and then a straight or almost straight curve section.

16. (Currently Amended) Blowing nozzle for supporting a weft thread in a weaving machine, ~~which is~~ said nozzle provided with a flow-through canalisation (17) for a fluid flowing into the environment via at least one outlet opening (18), ~~whereby this~~ wherein the flow-through canalisation (17) has at least one duct (30-32) in which is integrated a jet pipe (21), ~~characterised in that every~~ and wherein said at least one duct ~~concerned~~ has a rectangular section at least at the ~~accompanying~~ respective jet pipe (21).